

**AMENDMENTS TO THE CLAIMS**

1. **(Previously Presented)** A method for the treatment of a tumor which comprises administering to a patient in need thereof an effective amount of active dendritic cells (DC) that are tumor-specific and secrete IL12, said active DC being prepared by a process comprising:
  - (a) collecting DC or DC precursor cells from a suitable source to obtain a DC culture;
  - (b) loading the DC of said DC culture with a tumor specific antigen; and
  - (c) exposing said DC culture to a concentration of LPS and a concentration of IFN- $\gamma$  effective to trigger the DC of said DC culture to secrete IL12 to thereby obtain said tumor specific and IL12 secreting DC.
2. **(Previously Presented)** The method according to claim 1, wherein said treatment is performed after bone marrow transplantation.
3. **(Previously Presented)** The method according to claim 1, wherein said tumor is an advanced malignancy.
4. **(Previously Presented)** The method according to claim 1, wherein said DC are collected from the patient having said tumor or from a bone marrow donor.
5. **(Previously Presented)** The method according to claim 1, wherein the DCs have been loaded with an antigen from a tumor cell from said patient having said tumor.
6. **(Previously Presented)** The method according to claim 5, wherein the DC are additionally charged with a tracer antigen.
7. **(Previously Presented)** The method according to claim 6, wherein said tracer antigen is keyhole limpet hemocyanine (KLH).
8. **(Previously Presented)** The method according to claim 7, wherein the DCs are additionally

charged with an adjuvant, especially with tetanus toxoid.

9. **(Previously Presented)** The method according to claim 1, wherein the DC have been generated in vitro from peripheral blood mononuclear cells (PBMCs).

10. – 11. **(Canceled)**

12. **(Withdrawn)** A method for triggering IL-12 release from dendritic cells (DCs) which comprises administering to a patient an effective amount of a combination of LPS, IFN- $\gamma$  and a tumor antigen.

13. **(Withdrawn)** The method according to claim 12, wherein the DCs have been loaded with an antigen from a tumor cell from a patient having said tumor.

14. **(Canceled)**

15. **(Withdrawn)** A method for triggering IL-12 release from dendritic cells (DCs) which comprises exposing DCs to the kit of claim 14.

16. **(Withdrawn)** The method according to claim 15, wherein the DCs have been loaded with an antigen from a tumor cell from a patient having a tumor.

17. **(Previously Presented)** A method for the treatment of a tumor which comprises administering to a patient in need thereof an effective amount of active dendritic cells (DC), wherein said active DC are tumor-specific and secrete IL12.

18. **(Previously Presented)** The method of claim 17, wherein said active DC are prepared by a process comprising:

- (a) collecting DC or DC precursor cells from a suitable source to obtain a DC culture;
- (b) loading the DC of said DC culture with a tumor specific antigen; and

(c) exposing said DC culture to a concentration of LPS and a concentration of IFN- $\gamma$  effective to trigger the DC of said DC culture to secrete IL12 and thereby obtain said active DC.

19. **(Previously Presented)** A method for the treatment of a tumor which comprises administering to a patient in need thereof an effective amount of active dendritic cells (DC) that are tumor-specific and secrete IL12, said active DC being prepared by a process consisting essentially of:

- (a) collecting DC or DC precursor cells from a suitable source to obtain a DC culture;
- (b) loading the DC of said DC culture with a tumor specific antigen; and
- (c) exposing said DC culture to a concentration of LPS and a concentration of IFN- $\gamma$  effective to trigger the DC of said DC culture to secrete IL12 to thereby obtain said tumor specific and IL12 secreting DC.

20. **(Previously Presented)** A method for the treatment of a tumor consisting essentially of administering to a patient in need thereof an effective amount of active dendritic cells (DC), wherein said active DC are tumor-specific and secrete IL12.

21. **(Previously Presented)** The method of claim 20, wherein said active DC are prepared by a process consisting essentially of:

- (a) collecting DC or DC precursor cells from a suitable source to obtain a DC culture;
- (b) loading the DC of said DC culture with a tumor specific antigen; and

exposing said DC culture to a concentration of LPS and a concentration of IFN- $\gamma$  effective to trigger the DC of said DC culture to secrete IL12 and thereby obtain said active DC.